

Education in HighEFF – Status

Annual Consortium Meeting 8-9 May 2019

- Education Program – Total Numbers
- Recruitment of PhDs & Post.docs
- Academic Production
- International Collaboration
- “Pitching” and Poster Session

by

Truls Gundersen

Energy and Process Engineering

NTNU



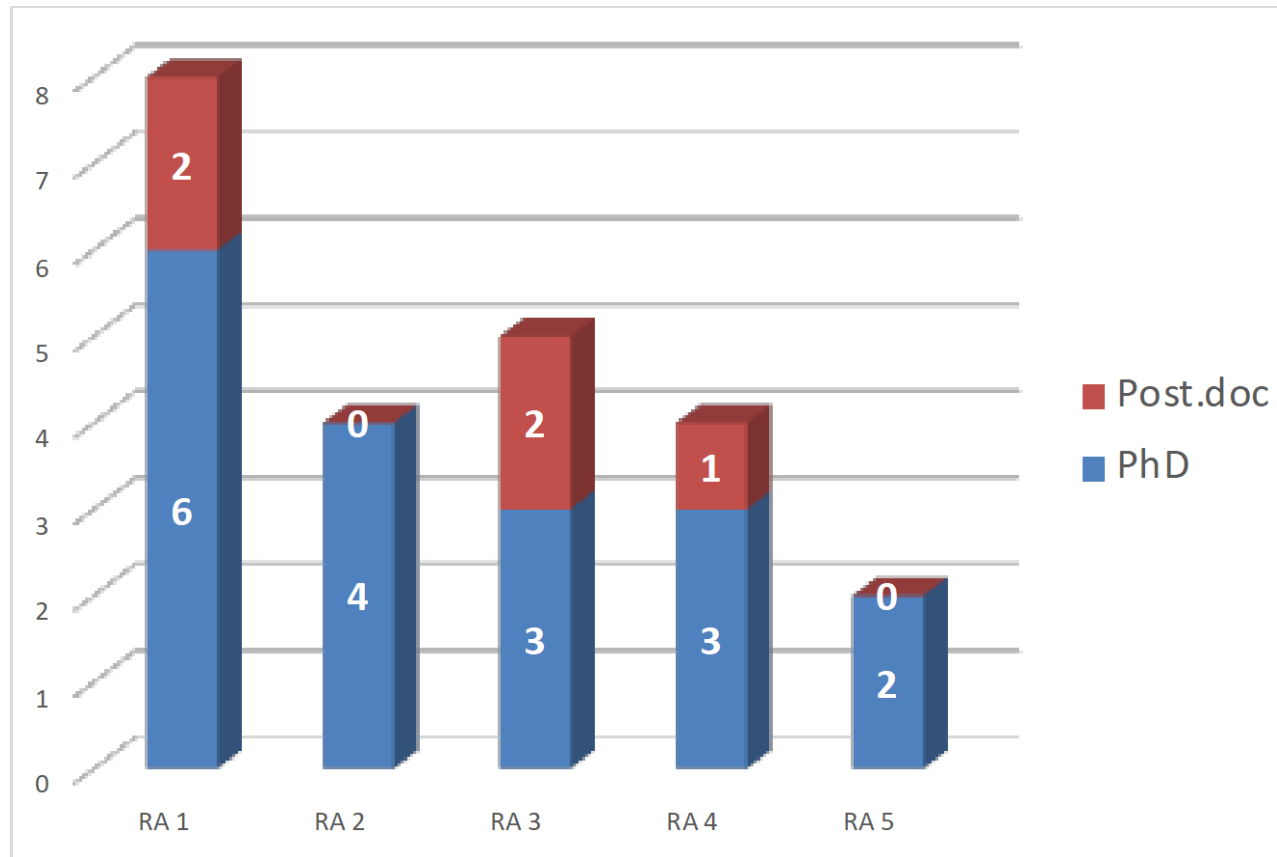
Education Program – Big Numbers

- 23 of 25 Candidates (PhD/Post.doc) have been recruited ⇒ 92.0%
 - 14 Males, 9 Females (60.9% / 39.1%)
 - 10 Countries (8 Norwegians, 4 Chinese)
 - 1 Post.doc has finished
- 8 “Associated” PhDs have been identified
 - Not funded by the RCN
 - Research Topic relevant for HighEFF
 - 1 Associated PhD has finished
- 13 MSc candidates since start-up
 - Not counting Spring Semester 2019
- Industrial Experts on Energy Efficiency will be educated through Short Courses

Education Program – Big Numbers

- Our “Associated” PhDs
 - RA-1 : Adriana Reyes Lúa Mexico
 - RA-1 : Julian Straus Germany
 - RA-3 : Daniel Rohde Germany
 - RA-3 : Roberto Agromayor Spain
 - RA-3 : Silje Marie Smitt Norway
 - RA-3 : Marcel Ulrich Ahrens Germany
 - RA-3 : Stefanie Blust Germany
 - RA-4 : Avinash S.R. Subramanian India
- High Visibility in HighEFF
- High Productivity
 - Journal Publications
 - Conference Presentations

Recruitment vs. Research Areas



Remaining Recruitment in HighEFF:
1 PhD in RA3, **1** PhD in RA4

HighEFF – an International Centre PhDs and Post.docs from 10 Countries



China



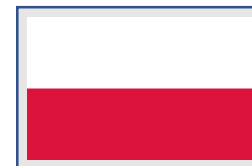
Brazil



Iran



Poland



Italy



Norway



Spain



Ecuador



Romania



India



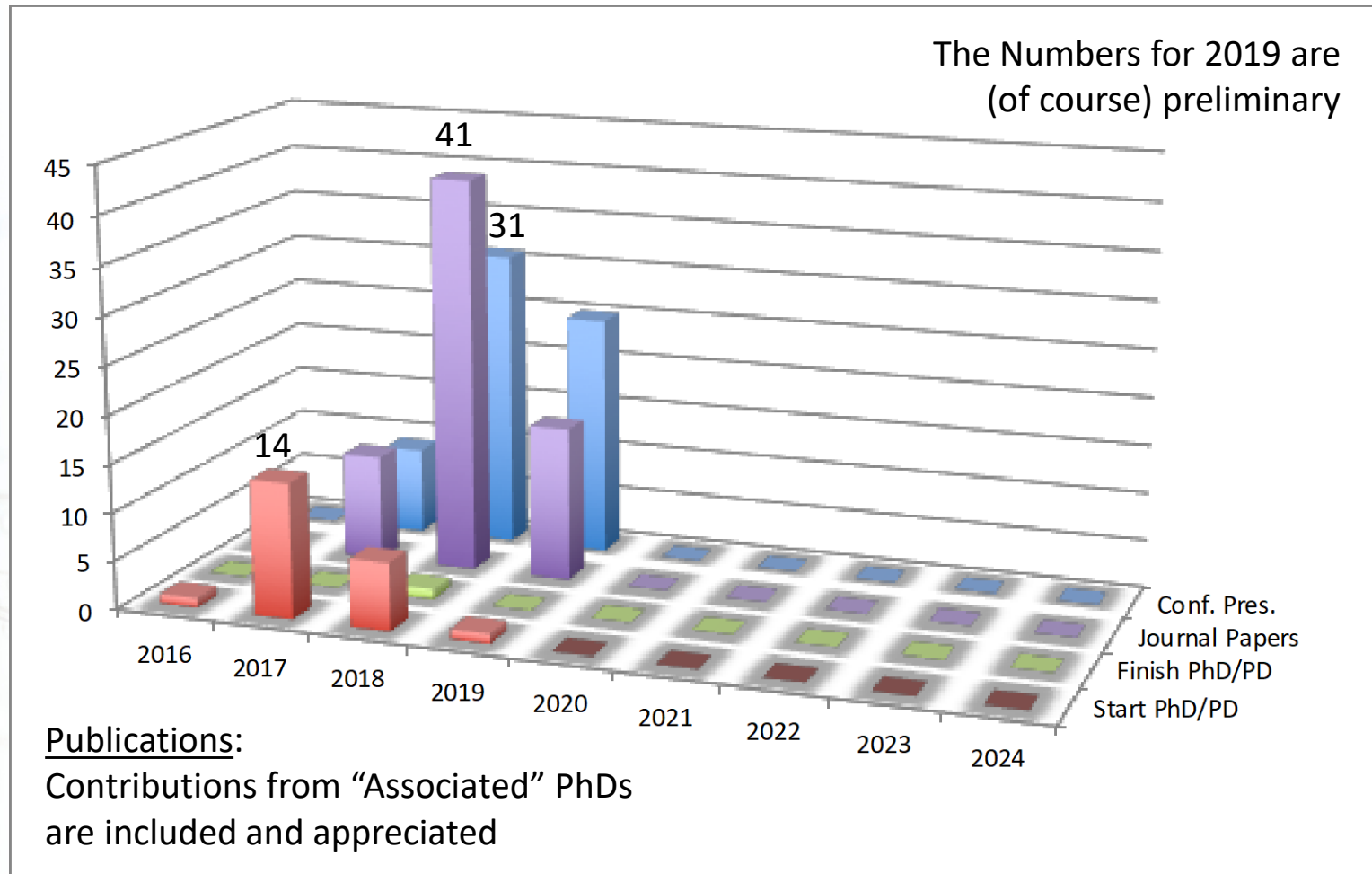
♀ = female (9 – 39.1%)

♂ = male (13 – 60.9%)



= completed

Academic Production in HighEFF



International Collaboration

- International Research Institutes
- International Universities
 - MIT, CMU, UoM, KTH, Doshisha, Shanghai JiaoTong
- Collaboration with MIT (had a flying start)
 - Joint Publications (4 in 2017, 4 in 2018)
 - Researcher Exchange (3 candidates)
- Researcher Exchange
 - Matias Vikse, MIT, 2018-2019
 - Trine Asklund Larssen, RWTH Aachen, 2019
 - Avinash S.R. Subramanian, MIT, 2019
 - Ehsan Allymehr, Padova, Italy, 2019



**Carnegie Mellon
University**



Poster Session – “Pitching”

- 12 Posters

- RA-1 : Mandar Thombre KJEL-21
- RA-1 : **Cristina** Zotica / **Adriana** Reyes Lúa KJEL-21
- RA-1 : Juejing Sheng KJEL-21
- RA-1 : Zhongxuan Liu KJEL-21
- RA-1 : **Haoshui** Yu KJEL-21
- RA-3 : Brede Hagen KJEL-21

- RA-2 : Knut Emil Ringstad KJEL-22
- RA-3 : **Håkon** Selvnes KJEL-22
- RA-3 : Marcin Pilarczyk KJEL-22
- RA-3 : Angel A. Pardinás (w/Marcin & **Roberto**) KJEL-22
- RA-3 : Marcel U. Ahrens KJEL-22
- RA-4 : Trine A. Larssen KJEL-22

- “Pitching” – 4 minutes each

- See highlighted in **red color** above